

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: August 23, 2003, 16:41:19 ; Search time 282 Seconds  
(without alignments)  
12380.845 Million cells updates/sec

Title: US-09-745-506-74  
Perfect score: 1553  
Sequence: 1 GTGATGCTTACTTGTGCT.....TCTGTTACTTACATCAAA 1553

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 1517243 seqs, 1124081882 residues

Word size : 0

Total number of hits satisfying chosen parameters: 3034486

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Published\_Applications\_NA:\*

- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq:\*
- 2: /cgn2\_6/ptodata/1/pubpna/PCR\_NEW\_PUB.seq:\*
- 3: /cgn2\_6/ptodata/1/pubpna/US06\_NEW\_PUB.seq:\*
- 4: /cgn2\_6/ptodata/1/pubpna/US06\_PUBCOMB.seq:\*
- 5: /cgn2\_6/ptodata/1/pubpna/US07\_NEW\_PUB.seq:\*
- 6: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq:\*
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- 9: /cgn2\_6/ptodata/1/pubpna/US09\_PUBCOMB.seq:\*
- 10: /cgn2\_6/ptodata/1/pubpna/US09\_PUBCOMB.seq:\*
- 11: /cgn2\_6/ptodata/1/pubpna/US09C\_PUBCOMB.seq:\*
- 12: /cgn2\_6/ptodata/1/pubpna/US09\_NEW\_PUB.seq:\*
- 13: /cgn2\_6/ptodata/1/pubpna/US10A\_PUBCOMB.seq:\*
- 14: /cgn2\_6/ptodata/1/pubpna/US10B\_PUBCOMB.seq:\*
- 15: /cgn2\_6/ptodata/1/pubpna/US10\_NEW\_PUB.seq:\*
- 16: /cgn2\_6/ptodata/1/pubpna/US60\_NEW\_PUB.seq:\*
- 17: /cgn2\_6/ptodata/1/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1138	73.3	1681	US-10-198-846-13222	Sequence 13222, A
2	574	37.0	1614	US-10-198-846-12938	Sequence 12938, A
3	329	21.2	828	US-10-198-846-6276	Sequence 6276, Ap
4	261	16.8	480	US-09-918-995-19746	Sequence 19746, A
5	220	14.2	465	US-09-864-761-10530	Sequence 10530, A
6	208	13.4	208	US-09-864-761-21152	Sequence 27152, A
7	188	12.1	638	US-10-198-846-9256	Sequence 9256, Ap
8	50	3.2	817	US-10-027-632-161387	Sequence 161387, A
9	32	3.2	501	US-09-783-590-8477	Sequence 8477, Ap
10	49	3.2	2922	US-10-177-900-10	Sequence 10, Appl
11	38	2.4	394	US-09-960-352-10848	Sequence 10848, A
12	29	1.9	765	US-10-027-632-16268	Sequence 16268, A
13	26	1.7	11976	US-10-311-455-568	Sequence 568, App
14	22	1.4	586	US-10-027-632-29392	Sequence 29392, A
15	20	1.3	6503	US-10-311-455-743	Sequence 743, App
16	20	1.3	12	US-10-027-632-29392	Sequence 29392, A

17	19	1.2	482	14	US-10-106-698-1736	Sequence 1736, Ap
18	19	1.2	543	14	US-10-082-830-69	Sequence 69, Appl
19	19	1.2	545	13	US-10-027-632-287156	Sequence 287156, A
20	19	1.2	560	14	US-10-082-830-70	Sequence 70, Appl
21	19	1.2	705	13	US-10-027-632-25071	Sequence 25071, A
22	19	1.2	705	13	US-10-027-632-25072	Sequence 25072, A
23	19	1.2	705	13	US-10-027-632-25073	Sequence 25073, A
24	19	1.2	839	13	US-10-027-632-325316	Sequence 325316, A
25	19	1.2	3201	9	US-09-910-150-3	Sequence 3, Appl1
26	19	1.2	3201	12	US-10-345-680-51	Sequence 51, Appl
27	19	1.2	3637	9	US-09-910-150-1	Sequence 1, Appl1
28	19	1.2	3637	12	US-10-345-680-49	Sequence 49, Appl
29	19	1.2	17527	12	US-10-311-455-1406	Sequence 1406, Ap
30	19	1.2	19286	11	US-09-764-891-5690	Sequence 5690, Ap
31	19	1.2	23030	10	US-09-764-877-2433	Sequence 2433, Ap
32	19	1.2	23030	11	US-09-764-891-9163	Sequence 9163, Ap
33	19	1.2	23030	14	US-10-091-572-739	Sequence 739, App
34	19	1.2	30420	10	US-09-764-877-2432	Sequence 2432, Ap
35	19	1.2	30420	11	US-09-764-891-9164	Sequence 9164, Ap
36	19	1.2	30420	14	US-10-091-572-740	Sequence 740, App
37	19	1.2	113515	12	US-10-311-455-2148	Sequence 2148, Ap
38	18	1.2	361	10	US-08-983-965-5511	Sequence 5511, Ap
39	18	1.2	439	14	US-10-060-036-4289	Sequence 4289, Ap
40	18	1.2	511	13	US-10-027-632-12758	Sequence 12758, A
41	18	1.2	511	13	US-10-027-632-108724	Sequence 108724, A
42	18	1.2	546	13	US-10-027-632-305328	Sequence 305328, A
43	18	1.2	550	13	US-10-027-632-96056	Sequence 96056, A
44	18	1.2	600	13	US-10-027-632-57667	Sequence 57667, A
45	18	1.2	600	13	US-10-027-632-294845	Sequence 294845, A

## ALIGNMENTS

RESULT 1  
US-10-198-846-13222  
Sequence 13222, Application US/10198846  
Publication No. US2003009974A1  
GENERAL INFORMATION:  
APPLICANT: Lilly, James  
APPLICANT: Xu, Yongzhen  
APPLICANT: Wang, Youzhen  
APPLICANT: Steilmann, Kathleen  
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS  
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND  
FILE REFERENCE: MRI-049  
CURRENT APPLICATION NUMBER: US/10/198,846  
CURRENT FILING DATE: 2002-07-18  
PRIOR APPLICATION NUMBER: 60/306,220  
PRIOR FILING DATE: 2001-07-18  
NUMBER OF SEQ ID NOS: 14084  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 13222  
LENGTH: 1681  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: m1sc-feature  
LOCATION: 1, 2, 1675, 1676, 1677, 1678, 1679, 1680, 1681  
OTHER INFORMATION: n = A,T,C or G  
US-10-198-846-13222

Query Match 73.3%; Score 1138; DB 14; Length 1681;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1138; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 187 AGTCCCGACGACGCGGTTTGATTCCTGATTCGCAATTTCCCGTCTTCAT 246  
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DB 181 AGTCCCGACGACGCGGTTTGATTCCTGATTCGCAATTTCCCGTCTTCAT 240  
|||||  
QY 247 GGATTGAAGGCTCTTCTCTCTGAAGACATTCGATCCCTCGTTGCGAAG 306  
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Db	241	GGATTGGAAGGCTCTCTTCTCTCTGGAATGACTTTGGACATCCCTCGTTTGGTAGAG	300
QY	307	TTGGGACAATGTTGGATTACTGCTGGGAACCAAGCCACACATACTGTAATAATACACTCTT	366
Db	301	TTGGGACAATGTTGGATTACTGCTGGGAACCAAGCCACACATACTGTAATAATACACTCTT	360
QY	367	CCATGACCAATGACCTGACTGAGGAAGATGGAGGAGAGTGCTGGAAAAAGAAAGGACACT	426
Db	361	CTTACCAATGACCTGACTGAGGAAGATGGAGGAGAGTGCTGGAAAAAGAAAGGAGACT	420
QY	427	CATTCTCTCTTACCATCCGCTATCTTCCAGCCATGAAGGACATACCTTGGACACATG	486
Db	421	CATTCTCTCTTACCATCCGCTATCTTCCAGCCATGAAGGACATACCTTGGACACATG	480
QY	487	GAAAGAGCCCTGGTGATCCGGGCTCTGGAGAACAGAGTGTACTACTCTCTCATAC	546
Db	481	GAAAGAGCCCTGGTGATCCGGGCTCTGGAGAACAGAGTGTACTACTCTCTCATAC	540
QY	547	AGCCTATGATGCTGCGGCCCGAGGGCGTCACAACTGGTGGCTAAAGGCGCTGGAGCTG	606
Db	541	AGCCTATGATGCTGCGGCCCGAGGGCGTCACAACTGGTGGCTAAAGGCGCTGGAGCTG	600
QY	607	TACCTCCAGGCCCATACATCTCTTCCAAAGCTCCCACTACCTACAGAGGGAACCAACG	666
Db	601	TACCTCCAGGCCCATACATCTCTTCCAAAGCTCCCACTACCTACAGAGGGAACCAACG	660
QY	667	AGTGAATTCACGCTTAACCTACACCCCAAGACCTGGACAAAGTCATGTCTGCATGGAAGG	726
Db	661	AGTGAATTCACGCTTAACCTACACCCCAAGACCTGGACAAAGTCATGTCTGCATGGAAGG	720
QY	727	AATGAGCGGTTGTTCTGTCACTCTTTTCTGTCTGAGGACTGTAATGAGAAACAAACG	786
Db	721	AATGAGCGGTTGTTCTGTCACTCTTTTCTGTCTGAGGACTGTAATGAGAAACAAACG	780
QY	787	GATTAAATCTGAATTTGTACTAGAAAGGCTTTGATGACAGTGTAGATTTCTTCCCGGAA	846
Db	781	GATTAAATCTGAATTTGTACTAGAAAGGCTTTGATGACAGTGTAGATTTCTTCCCGGAA	840
QY	847	CAACCACTTATCAGAAAGGAGGAAATCTGTCACTGGAGAAAGCTTGGCTTACATAC	906
Db	841	CAACCACTTATCAGAAAGGAGGAAATCTGTCACTGGAGAAAGCTTGGCTTACATAC	900
QY	907	TGGAATGGGAGGTTATGACACACTGATGTAATCTGTCTCCTGGCAACCATGATTTGATCG	966
Db	901	TGGAATGGGAGGTTATGACACACTGATGTAATCTGTCTCCTGGCAACCATGATTTGATCG	960
QY	967	AATAAAAAGACCTTAAACCTATCTCATATTCTGCTTAGCCCTTGGGGTGGGGAACCTT	1026
Db	961	AATAAAAAGACCTTAAACCTATCTCATATTCTGCTTAGCCCTTGGGGTGGGGAACCTT	1020
QY	1027	AGACTCTCAAGTCAAAAGCTGTGGCCCTGTGTGCTGTCTGGAGACAGCTTCTGCAGGG	1086
Db	1021	AGACTCTCAAGTCAAAAGCTGTGGCCCTGTGTGCTGTCTGGAGACAGCTTCTGCAGGG	1080
QY	1087	TGTTGAGGCTGACCTTATCTCACAAGGTGAGATGCTCCATCATGATATCTTGGATGCTGC	1146
Db	1081	TGTTGAGGCTGACCTTATCTCACAAGGTGAGATGCTCCATCATGATATCTTGGATGCTGC	1140
QY	1147	TTTCCCAAGGAATTAATGTCAATCTGCTGTGAACACAGCAACTGAGAGGCTTCTTCTTC	1206
Db	1141	TTTCCCAAGGAATTAATGTCAATCTGCTGTGAACACAGCAACTGAGAGGCTTCTTCTTC	1200
QY	1207	TGACCTTCGAGATATGCTGATTTCTCACTTGGAGAAATTAAGATTAATATCTATACGA	1266
Db	1201	TGACCTTCGAGATATGCTGATTTCTCACTTGGAGAAATTAAGATTAATATCTATACGA	1260
QY	1267	GACGTGACAGGAGCCCTTTCAGGTGGTGTATATTCAGAAATATAGATATACATATTC	1324
Db	1261	GACGTGACAGGAGCCCTTTCAGGTGGTGTATATTCAGAAATATAGATATACATATTC	1318

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Sequence 12938, Application US/10198846
Publication NO. US20030099974A1
GENERAL INFORMATION:
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Steilmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 12938
LENGTH: 1614
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1613..1614
OTHER INFORMATION: n - A,T,C or G
US-10-198-846-12938

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Query Match	Score	DB	Length
37.08;	574;	14;	1614;

Matches 574; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY	490	GGACGCGCTGGTGAATCCGGGGCTCTGGGAAMACAGAGTGGTATCTACCTCCTCAATACG	549
Db	678	GGACGCGCTGGTGAATCCGGGGCTCTGGGAAMACAGAGTGGTATCTACCTCCTCAATACG	737
OY	550	CTATGATGCTGGCGCCCGACGAGGCGTCAACACTGGTGGTAAAGGGCTGGAGCTTGAC	609
Db	738	CTATGATGCTGGCGCCCGACGAGGCGTCAACACTGGTGGTAAAGGGCTGGAGCTTGAC	797
OY	610	CTCAGGCGCCATACATCTCTTCCAAAGCTCCCACTACCTTACAGAGGAAACACCGAGT	669
Db	798	CTCAGGCGCCATACATCTCTTCCAAAGCTCCCACTACCTTACAGAGGAAACACCGAGT	857
OY	670	AGAAATCAAGCTTAACACACCAAGACCTGGACAAAGTCAATGCTGAGTGAAGGAAT	729
Db	858	AGAAATCAAGCTTAACACACCAAGACCTGGACAAAGTCAATGCTGAGTGAAGGAAT	917
OY	730	TGACGGTGTCTCTGTCACTCTTCTTCTGTCTAGGACTGGTAAATAGGAACAACACGGAT	789
Db	918	TGACGGTGTCTCTGTCACTCTTCTTCTGTCTAGGACTGGTAAATAGGAACAACACGGAT	977
OY	790	TAACTGTAATGTACTGAGAAAGCGCTTGTATGATATTTCTTCCCGGAACAA	849
Db	978	TAACTGTAATGTACTGAGAAAGCGCTTGTATGATATTTCTTCCCGGAACAA	1037
OY	850	ACAACCTTATAGAAAGCGAAATTCGTCACTGAGAAAGCTTGGCTTCACTACATCGG	909
Db	1038	ACAACCTTATAGAAAGCGAAATTCGTCACTGAGAAAGCTTGGCTTCACTACATCGG	1097
OY	910	AATGGAGCGGTTATGACACACTGGATGGAATCGTCTCCCTGGCAACCATGATGATCGAAT	969
Db	1098	AATGGAGCGGTTATGACACACTGGATGGAATCGTCTCCCTGGCAACCATGATGATCGAAT	1157
OY	970	AAAAAGACACTAAACATCTCATATTCCGTTAGCCCTTGGGGTGGGAGAACCTTAGA	1029
Db	1158	AAAAAGACACTAAACATCTCATATTCCGTTAGCCCTTGGGGTGGGAGAACCTTAGA	1217
OY	1030	GTCTCAAGTCAAAAGTCGGGCCGTGGCGGT	1063
Db	1218	GTCTCAAGTCAAAAGTCGGGCCGTGGCGGT	1251

RESULT 2  
US-10-198-846-12938

### RESULT 3

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US-10-198-846-6276
; Sequence 6276, Application US/10198846
; Publication No. US2003009974A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Xu, Yongyao
; APPLICANT: Wang, Youzhen
; APPLICANT: Steinmann, Kathleen
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
; TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF BREAST CANCER
; FILE REFERENCE: MRI-049
; CURRENT APPLICATION NUMBER: US/10/198,846
; CURRENT FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/306,220
; PRIOR FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 14084
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6276
; LENGTH: 828
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 6, 9, 16, 420, 498, 518, 520, 591, 630, 641, 643, 659, 661,
; LOCATION: 671, 674, 676, 679, 680, 681, 682, 683, 684, 685, 686, 687,
; LOCATION: 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699,
; LOCATION: 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722,
; LOCATION: 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734,
; LOCATION: 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746,
; LOCATION: 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769,
; LOCATION: 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781,
; LOCATION: 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793,
; LOCATION: 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816,
; LOCATION: 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827
; OTHER INFORMATION: n = A,T,C or G
; US-10-198-846-6276

Query Match          21.2%; Score 329; DB 14; Length 828;
Best Local Similarity 100.0%; Pred. No. 2,4e-169;
Matches 329; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 188 GTCCACGACAGTCGGTTGTAGATTCCTGATCTGCAATCTCTCCGTTCCCTTCATG 247
DB 91 GTCCACGACAGTCGGTTGTAGATTCCTGATCTGCAATCTCTCCGTTCCCTTCATG 150
OY 248 GATTGAGGCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 307
DB 151 GATTGAGGCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 210
OY 308 TGGGACATGTTGATTAAGTGAACCAAGCCACACATCTGTAATACATCTCTC 367
DB 211 TGGGACATGTTGATTAAGTGAACCAAGCCACACATCTGTAATACATCTCTC 270
OY 368 CTGACCAATGACCTGACTGAAGAGTGAAGAGGCTGCAAAAGAGCAGACCTC 427
DB 271 CTGACCAATGACCTGACTGAAGAGTGAAGAGGCTGCAAAAGAGCAGACCTC 330
OY 428 ATTCTCTGCAATCGGCTATCTCTGAGCCCAAGAGCATTAACCTGAGACCATGG 487
DB 331 ATTCTCTGCAATCGGCTATCTCTGAGCCCAAGAGCATTAACCTGAGACCATGG 390
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OY 488 AAGAGCGCCTGTGATCCGGGCTCTGGA 516
DB 391 AAGAGCGCCTGTGATCCGGGCTCTGGA 419

RESULT 4
US-09-918-995-19746
; Sequence 19746, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19746
; LENGTH: 480
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)-(480)
; OTHER INFORMATION: n = A,T,C or G
; US-09-918-995-19746

Query Match          16.8%; Score 261; DB 11; Length 480;
Best Local Similarity 99.4%; Pred. No. 4.3e-132;
Matches 361; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 962 GATCGAATTAAGAACACCTTAATCTATTCGTTAGCCCTTGGGTGGAGAGA 1021
DB 50 GATCGAATTAAGAACACCTTAATCTATTCGTTAGCCCTTGGGTGGAGAGA 109
OY 1022 ACCTTAGAGTCACAGTCAAACTCGTGGCCCTGCTGCTGCTGCTGCTGCTGCTGCTG 1081
DB 110 ACCTTAGAGTCACAGTCAAACTCGTGGCCCTGCTGCTGCTGCTGCTGCTGCTGCTG 169
OY 1082 CAGGCTGTGAGGCTGACCTTACCTCAAGGTGAGAGTCCCATCATGATCTTGAT 1141
DB 170 CAGGCTGTGAGGCTGACCTTACCTCAAGGTGAGAGTCCCATCATGATCTTGAT 229
OY 1142 GCTGCTCCCAAGAAATTAATGTCATCTCTGTGAACACAGCAACAGTGAAGGCTTT 1201
DB 230 GCTGCTCCCAAGAAATTAATGTCATCTCTGTGAACACAGCAACAGTGAAGGCTTT 289
OY 1202 CTTTGTGACCTTCGAGATATGCTGATCTCTCACTTGAGAGAAATTAATTAATCTCTA 1261
DB 290 CTTTGTGACCTTCGAGATATGCTGATCTCTCACTTGAGAGAAATTAATTAATCTCTA 349
OY 1262 TCAGAGACTGACAGGAGCCCTCTCAAGTGTATTAATGCAGAAACATCAGATAACACA 1321
DB 350 TCAGAGACTGACAGGAGCCCTCTCAAGTGTATTAATGCAGAAACATCAGATAACACA 409
OY 1322 TTC 1324
DB 410 TTC 412

RESULT 5
US-09-864-761-10530/C
; Sequence 10530, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
```

;; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
;; FILE REFERENCE: Aemlica-X-1  
;; CURRENT FILING DATE: 2001-05-23  
;; PRIOR APPLICATION NUMBER: US 09/864,761  
;; PRIOR FILING DATE: 2000-02-04  
;; PRIOR APPLICATION NUMBER: US 60/180,312  
;; PRIOR FILING DATE: 2000-02-04  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: US 09/632,366  
;; PRIOR FILING DATE: 2000-08-03  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
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;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 09/608,408  
;; PRIOR FILING DATE: 2000-06-30  
;; PRIOR APPLICATION NUMBER: US 09/774,203  
;; PRIOR FILING DATE: 2001-01-29  
;; NUMBER OF SEQ ID NOS: 49117  
;; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
;; SEQ ID NO 10530  
;; LENGTH: 465  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; FEATURE:  
;; OTHER INFORMATION: MAP TO AC005037.2  
;; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.69  
;; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1  
;; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.4  
;; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.7  
;; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.89  
;; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1  
;; US-09-864-761-10530

Query Match 14.2%; Score 220; DB 9; Length 465;  
Best Local Similarity 100.0%; Pred. No. 1.3e-109;  
Matches 220; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 381 TGACTGAGAGAGTGTGAGAGAGGCTGCAAAAGAGGAGAGCCTCTCTCTACC 440  
|||||  
DB 465 TGACTGAGAGAGTGTGAGAGAGGCTGCAAAAGAGGAGAGCCTCTCTCTACC 406  
|||||  
QY 441 ATCCGCTATCTCTCCAGCCATGATGAGGCTATACCTGGAACACATGGAAGAGCGCTGG 500  
|||||  
DB 405 ATCCGCTATCTCTCCAGCCATGATGAGGCTATACCTGGAACACATGGAAGAGCGCTGG 346  
|||||  
QY 501 TGATCGGGGCTGTGAGAGACAGAGTGGTATCTACTCTCTCTATACAGCTTATGATGCTG 560  
|||||  
DB 345 TGATCGGGGCTGTGAGAGACAGAGTGGTATCTACTCTCTCTATACAGCTTATGATGCTG 286  
|||||

QY 561 CGCCCGAGGGCGTCAACACTGGTGGCTAAAGGCGCTTG 600  
|||||  
DB 285 CGCCCGAGGGCGTCAACACTGGTGGCTAAAGGCGCTTG 246  
|||||

RESULT 6  
US-09-864-761-27152/c  
; Sequence 27152, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharon G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
;; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
;; FILE REFERENCE: Aemlica-X-1  
;; CURRENT FILING DATE: 2001-05-23  
;; PRIOR APPLICATION NUMBER: US 09/864,761  
;; PRIOR FILING DATE: 2000-02-04  
;; PRIOR APPLICATION NUMBER: US 60/180,312  
;; PRIOR FILING DATE: 2000-02-04  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: US 09/632,366  
;; PRIOR FILING DATE: 2000-08-03  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00662  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00661  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00670  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: US 60/234,687  
;; PRIOR FILING DATE: 2000-09-21  
;; PRIOR APPLICATION NUMBER: US 09/608,408  
;; PRIOR FILING DATE: 2000-06-30  
;; PRIOR APPLICATION NUMBER: US 09/774,203  
;; PRIOR FILING DATE: 2001-01-29  
;; NUMBER OF SEQ ID NOS: 49117  
;; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
;; SEQ ID NO 27152  
;; LENGTH: 208  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; FEATURE:  
;; OTHER INFORMATION: MAP TO AC005037.2  
;; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.69  
;; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1  
;; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.4  
;; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.7  
;; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.89  
;; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1  
;; OTHER INFORMATION: EST\_HUMAN HIT: BE727240.1, EVALUATE 1.00e-113  
;; OTHER INFORMATION: NT\_HIT: g111141898, EVALUATE 1.00e-102  
;; OTHER INFORMATION: SWISSPROT HIT: P54472, EVALUATE 3.00e-11  
;; US-09-864-761-27152

	Query Match	13.4%;	Score 208;	DB 9;	Length 208;	
	Best Local Similarity	100.0%;	Pred. NO. 4.7e-103;			
	Matches 208;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;	
QY	392 GTGATGGAGGAGTGTCTGCAAAAGGACACCTCATTTCTCTTACATCCGGCTATC					451
Db	208 GTGATGGAGGAGTGTCTGCAAAAGGACACCTCATTTCTCTTACATCCGGCTATC					149
QY	452 TTCCGACCCTAAGAGCCGATTAACCTGGAAACACATGGAAAGAGGCGCTGTATCCGGGCT					511
Db	148 TTCCGACCCTAAGAGCCGATTAACCTGGAAACACATGGAAAGAGGCGCTGTATCCGGGCT					89
QY	512 CTGAGAGACAGAGTGCAGTATCTACTTCTCTATACAGCCTATGATGTGCGCCACAGGAC					571
Db	88 CTGAGAGACAGAGTGCAGTATCTACTTCTCTATACAGCCTATGATGTGCGCCACAGGAC					29
QY	572 GTCAACAACGTGTTGGCTTAAAGGGCTTG					599
Db	28 GTCAACAACGTGTTGGCTTAAAGGGCTTG					1

```

RESULT 7
US-10-198-846-9256
; Sequence 9256, Application US/10198846
; Publication NO. US2003099974A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Xu, Yongyao
; APPLICANT: Wang, Youzhen
; APPLICANT: Steilmann, Kathleen
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
; TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, AND
; TITLE OF INVENTION: THERAPY OF BREAST CANCER
; FILE REFERENCE: MRI -049
; CURRENT APPLICATION NUMBER: US/10/198,846
; CURRENT FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/306,220
; PRIOR FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 14084
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9256
; LENGTH: 638
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 2, 4, 16, 525, 528, 557, 566, 576, 607, 614
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-9256

```

	Query Match	12.14: Score 188; DB 14: Length 638;
	Best Local Similarity 100.0%; Pred. No. 4.3e-92;	
	Matches 188; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	1 GTGATTGTTATCTTGTCGTCACAGAGACACAGAAAGAGAGATTGGGTCAAGAAAATCTC	60
Db	80 GTGATTGTTATCTTGTCGTCACAGAGACACAGAAAGAGAGATTGGGTCAAGAAAATCTC	139
QY	61 CCTGCCGACACAGACACAGCGCACTAATGGGACAGGGGTCTGACTCAGACTTAATCTGG	120
Db	140 CCTGCCGACACAGACACAGCGCACTAATGGGACAGGGGTCTGACTCAGACTTAATCTGG	199
QY	121 CTGTGTCTCGTGGATTTTTCACATGTCCTGGAAAAAGCGCTGAAGTGGCAGCAAGAAATAGGCA	180
Db	200 CTGTGTCTCGTGGATTTTTCACATGTCCTGGAAAAAGCGCTGAAGTGGCAGCAAGAAATAGGCA	259
QY	181 TAGATGAG 188	
Db	260 TAGATGAG 267	

```

US-10-027-632-161386/c
-- Sequence 161386, Application US/10027632
GENERAL INFORMATION:
APPLICANT: Manu, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
POLYMORPHISMS IN THE HUMAN GENOME
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027.632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 161386
LENGTH: 817
TYPE: DNA
ORGANISM: Human
US-10-027-632-161386

```

	Query Match	3.2%	Score 50	DB 13	Length 817
	Best Local Similarity	100.0%	Pred. No. 1,07e-16		
Matches	50	Conservative 0	Mismatches 0	Indels 0	Gaps 0
OY	1035	AAGTCAAAGTCGTGGCCCTGTGTGTGCTGTGAGCAGCAGCGTTCTGCAG	1084		
db	71	AAGTCAAAGTCGTGGCCCTGTGTGTGCTGTGAGCAGCAGCGTTCTGCAG	22		

```

RESULT 9
US-10-027-632-161387/C
; Sequence 161387, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 161387
; LENGTH: 817
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-161387

```

RESULT 8

Query Match	Score	DB	Length
3.28;	50;	13;	817;

Best Local Similarity 100.0%; Pred. No. 1.7e-16;  
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY      1035 AAGTCAAAAGTCGTGGCCCTGTGTGCTTCTGGGAGCAGCGTTCTGCAG 1084
          |||||
Db      71  AAGTCAAAAGTCGTGGCCCTGTGTGCTTCTGGGAGCAGCGTTCTGCAG 22

```

RESULT 10  
US-09-783

```

1 Sequence 8477, Application US/09783550
2 Patent No. US20020110850A1
3 GENERAL INFORMATION:
4 APPLICANT: Dillon, Patrick J.
5 APPLICANT: Haseltine, William A.
6 APPLICANT: Li, Haodong
7 APPLICANT: Rosen, Craig A.
8 APPLICANT: Ruden, Steven M.
9 TITLE OR INVENTION: Human Genes, Sequences, and Expression Products 16.2
10 FILE REFERENCE: PO-16.201
11 CURRENT APPLICATION NUMBER: US/09/783,590
12 CURRENT FILING DATE: 2000-02-15
13 PRIOR APPLICATION NUMBER: 08/420,856
14 PRIOR FILING DATE: 1995-04-12
15 PRIOR APPLICATION NUMBER: 08/346,731
16 PRIOR FILING DATE: 1994-11-21
17 NUMBER OF SEQ ID NOS: 12485
18 SOFTWARE: PatentIn Ver. 2.0
19 SEQ ID NO 8477
20 LENGTH: 501
21 TYPE: DNA
22 ORGANISM: Homo sapiens
23 FEATURE:
24 NAME/KEY: misc feature
25 LOCATION: (10)
26 OTHER INFORMATION: n equals a,t,g, or c
27 NAME/KEY: misc feature
28 LOCATION: (48)
29 OTHER INFORMATION: n equals a,t,g, or c
30 NAME/KEY: misc feature
31 LOCATION: (98)
32 OTHER INFORMATION: n equals a,t,g, or c
33 NAME/KEY: misc feature
34 LOCATION: (141)
35 OTHER INFORMATION: n equals a,t,g, or c
36 NAME/KEY: misc feature
37 LOCATION: (173)
38 OTHER INFORMATION: n equals a,t,g, or c
39 NAME/KEY: misc feature
40 LOCATION: (229)
41 OTHER INFORMATION: n equals a,t,g, or c
42 NAME/KEY: misc feature
43 LOCATION: (315)
44 OTHER INFORMATION: n equals a,t,g, or c
45 NAME/KEY: misc feature
46 LOCATION: (358)
47 OTHER INFORMATION: n equals a,t,g, or c
48 NAME/KEY: misc feature
49 LOCATION: (376)
50 OTHER INFORMATION: n equals a,t,g, or c
51 NAME/KEY: misc feature
52 LOCATION: (391)
53 OTHER INFORMATION: n equals a,t,g, or c
54 NAME/KEY: misc feature
55 LOCATION: (404)
56 OTHER INFORMATION: n equals a,t,g, or c
57 NAME/KEY: misc feature
58 LOCATION: (411)
59 OTHER INFORMATION: n equals a,t,g, or c
60 NAME/KEY: misc feature
61 LOCATION: (427)
62 OTHER INFORMATION: n equals a,t,g, or c
63 NAME/KEY: misc feature
64

```

```

1 LOCATION: (430)
2 OTHER INFORMATION: n equals a,t,g, or c
3 NAME/KEY: misc feature
4 LOCATION: (441)
5 OTHER INFORMATION: n equals a,t,g, or c
6 NAME/KEY: misc feature
7 LOCATION: (466)
8 OTHER INFORMATION: n equals a,t,g, or c
9 NAME/KEY: misc feature
10 LOCATION: (467)
11 OTHER INFORMATION: n equals a,t,g, or c
12 NAME/KEY: misc feature
13 LOCATION: (473)
14 OTHER INFORMATION: n equals a,t,g, or c
15 NAME/KEY: misc feature
16 LOCATION: (479)
17 OTHER INFORMATION: n equals a,t,g, or c
18 NAME/KEY: misc feature
19 LOCATION: (487)
20 OTHER INFORMATION: n equals a,t,g, or c
21 NAME/KEY: misc feature
22 LOCATION: (492)
23 OTHER INFORMATION: n equals a,t,g, or c
24
25 US-09-783-590-8477

```

Query Match	3.2%;	Score 49;	DB 10;	Length 501;
Best Local Similarity	100.0%;	Pred. No. 6.1e-16;		
Matches 49;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0.

QY 140 ACTGTCTGGAAAAGCCTGAAAGTGGCACTGAATGAGGCATAGATGAG 188  
|||||  
Db 230 ACTGTCTGGAAAAGCCTGAAAGTGGCACTGAATGAGGCATAGATGAG 278

## RESULT 11

```

US-10-177-900-10/c
? Sequence 10, Application US/10177900
? Publication No. US20030068787A1
? GENERAL INFORMATION:
? APPLICANT: Jackson, Jennifer L.
? APPLICANT: Corley, Neil C.
? APPLICANT: Guegler, Karl J.
? APPLICANT: Arizizu, Chandra
? TITLE OF INVENTION: AN ANTIBODY SPECIFICALLY BINDING CYCLOPHILIN-TYPE PEPTIDYL-PRO
? TITLE OF INVENTION: CIS/TRANS ISOMERASE
? FILE REFERENCE: PF-0582-2 CIP
? CURRENT APPLICATION NUMBER: US/10/177,900
? CURRENT FILING DATE: 2002-06-20
? PRIOR APPLICATION NUMBER: 09/440,828
? PRIOR FILING DATE: 1999-11-15
? PRIOR APPLICATION NUMBER: 09/136,442
? PRIOR FILING DATE: 1998-08-19
? NUMBER OF SEQ ID NOS: 12
? SOFTWARE: PERL Program
? SEQ ID NO 10
? LENGTH: 2922
? TYPE: DNA
? ORGANISM: Mus musculus
? FEATURE:
? NAME/KEY: misc.feature
? OTHER INFORMATION: Incyte ID No. US20030068787A1 023075_Mm.3
US-10-177-900-10

```

Query Match	2.4%;	Score 38;	DB 14;	Length 2922;
Best Local Similarity	100.0%;	Pred. No. 6.7e-10;		
Matches 38;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

[illegible]

## RESULT 12

US-09-960-352-10848  
; Sequence 10848, Application US/09960352  
; Patent No. US20020137139A1  
; GENERAL INFORMATION:  
; APPLICANT: Warren, Wesley C.  
; APPLICANT: Rao, Nengding  
; APPLICANT: Byatt, John C.  
; APPLICANT: Mathalagan, Magappan  
; TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND  
; FILE REFERENCE: 16511.006/37-21(10298)C  
; CURRENT APPLICATION NUMBER: US/09/960,352  
; CURRENT FILING DATE: 2001-09-24  
; NUMBER OF SEQ ID NOS: 15112  
; SEQ ID NO 10848  
; LENGTH: 394  
; TYPE: DNA  
; ORGANISM: Bos taurus  
; OTHER INFORMATION: Clone ID: 46-LIB34-084-Q1-E1-D6  
US-09-960-352-10848

Query Match 1.9%: Score 29; DB 10; Length 394;  
Best Local Similarity 100.0%; Pred. No. 5.5e-05;  
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 308 TGGGACATGTGGATTACTGTGGAC 336  
|||||  
DB 182 TGGGACATGTGGATTACTGTGGAC 210

RESULT 13  
; Sequence 162668, Application US/10027632  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; CURRENT FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 162668  
; LENGTH: 765  
; TYPE: DNA  
; ORGANISM: Human  
US-10-027-632-162668

Query Match 1.7%: Score 26; DB 13; Length 765;  
Best Local Similarity 100.0%; Pred. No. 0.0025;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 269 TCCTGATGACTTTGCATCCCTCTC 294  
|||||  
DB 345 TCCTGATGACTTTGCATCCCTCTC 370

RESULT 14  
US-10-311-455-568/C

; Sequence 568, Application US/10311455  
; Publication No. US20030143606A1  
; GENERAL INFORMATION:  
; APPLICANT: Olex, Alexander  
; APPLICANT: PIEPENBROCK, Christian  
; APPLICANT: BERLIN, Kurt  
; TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Det  
; FILE REFERENCE: 5013.1014  
; CURRENT APPLICATION NUMBER: US/10/311,455  
; CURRENT FILING DATE: 2002-12-16  
; PRIOR APPLICATION NUMBER: PCT/EP01/07537  
; PRIOR FILING DATE: 2001-07-02  
; PRIOR APPLICATION NUMBER: DE 10032529.7  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: DE 10043826.1  
; PRIOR FILING DATE: 2000-09-01  
; NUMBER OF SEQ ID NOS: 2424  
; SEQ ID NO 568  
; LENGTH: 11976  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)  
US-10-311-455-568

Query Match 1.4%: Score 22; DB 12; Length 11976;  
Best Local Similarity 100.0%; Pred. No. 0.4;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1473 ATATACACCATTAATAA 1494  
|||||  
DB 1472 ATATACACCATTAATAA 1451

RESULT 15  
; Sequence 29392, Application US/10027632  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; CURRENT FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 29392  
; LENGTH: 586  
; TYPE: DNA  
; ORGANISM: Human  
US-10-027-632-29392

Query Match 1.3%: Score 20; DB 13; Length 586;  
Best Local Similarity 100.0%; Pred. No. 4.8;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 23 AGAGCAGCAGAGAGAGAG 42  
|||||

Db 149 AGAGGACAGCAGAGAGGAG 130

Search completed: August 23, 2003, 18:28:30  
Job time : 283 secs

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